

ABSTRACT

Method of estimating a downlink channel

Method of estimating a downlink channel between a base station and a mobile terminal in a mobile telecommunication system, according to which the said base station estimates the uplink channel between the said mobile terminal and the said base station, deduces, from the variations in the uplink channel, those in the downlink channel and estimates at a second instant the said downlink channel from an initial estimation at a first instant and variations in the said downlink channel between the said first and second instants.

Fig. 3